

Fig. 1
Exemplary HL7 Message
100

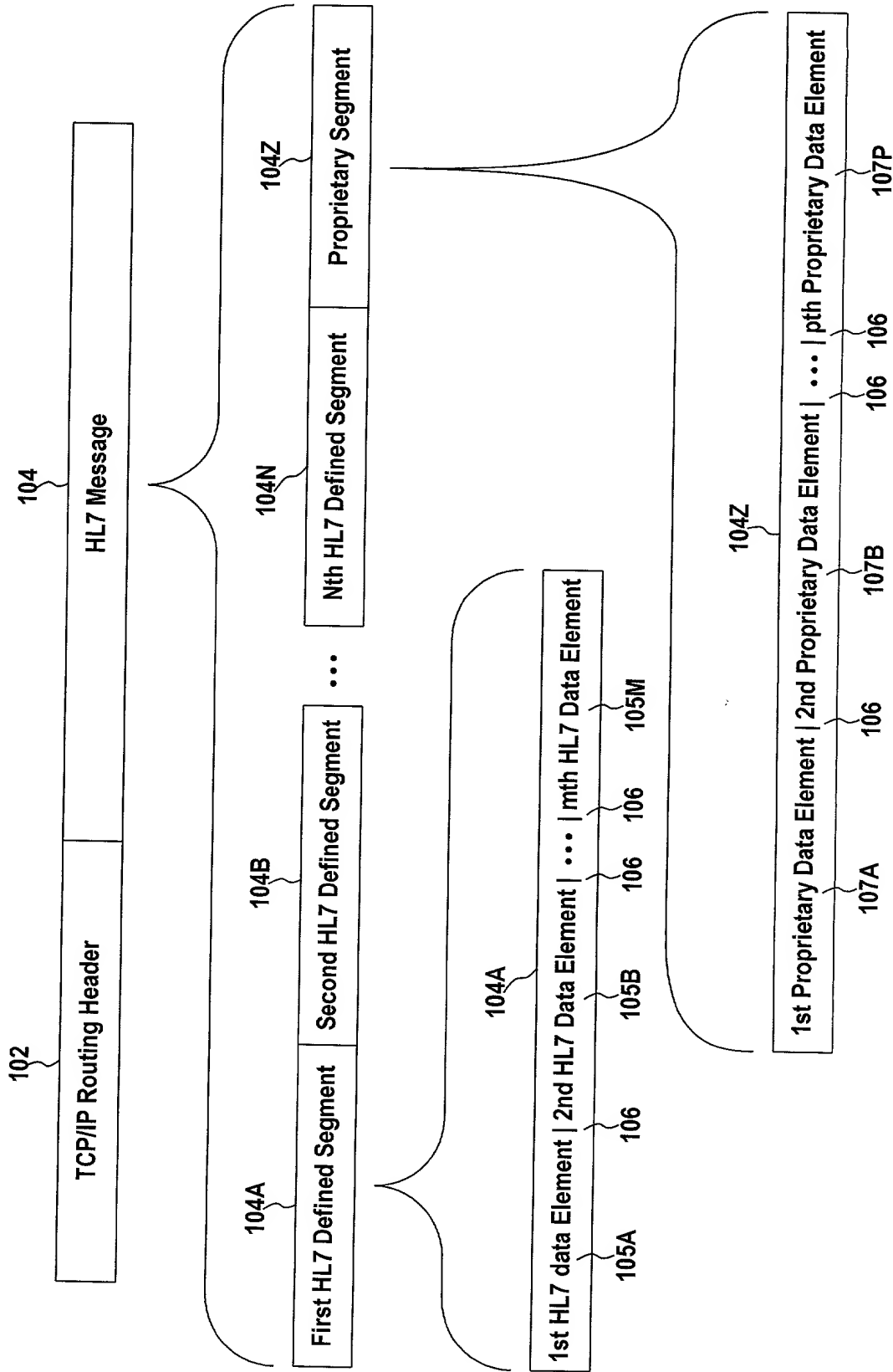


FIG. 2

Application Layer Messaging Between Disparate,
Ancillary Systems

200

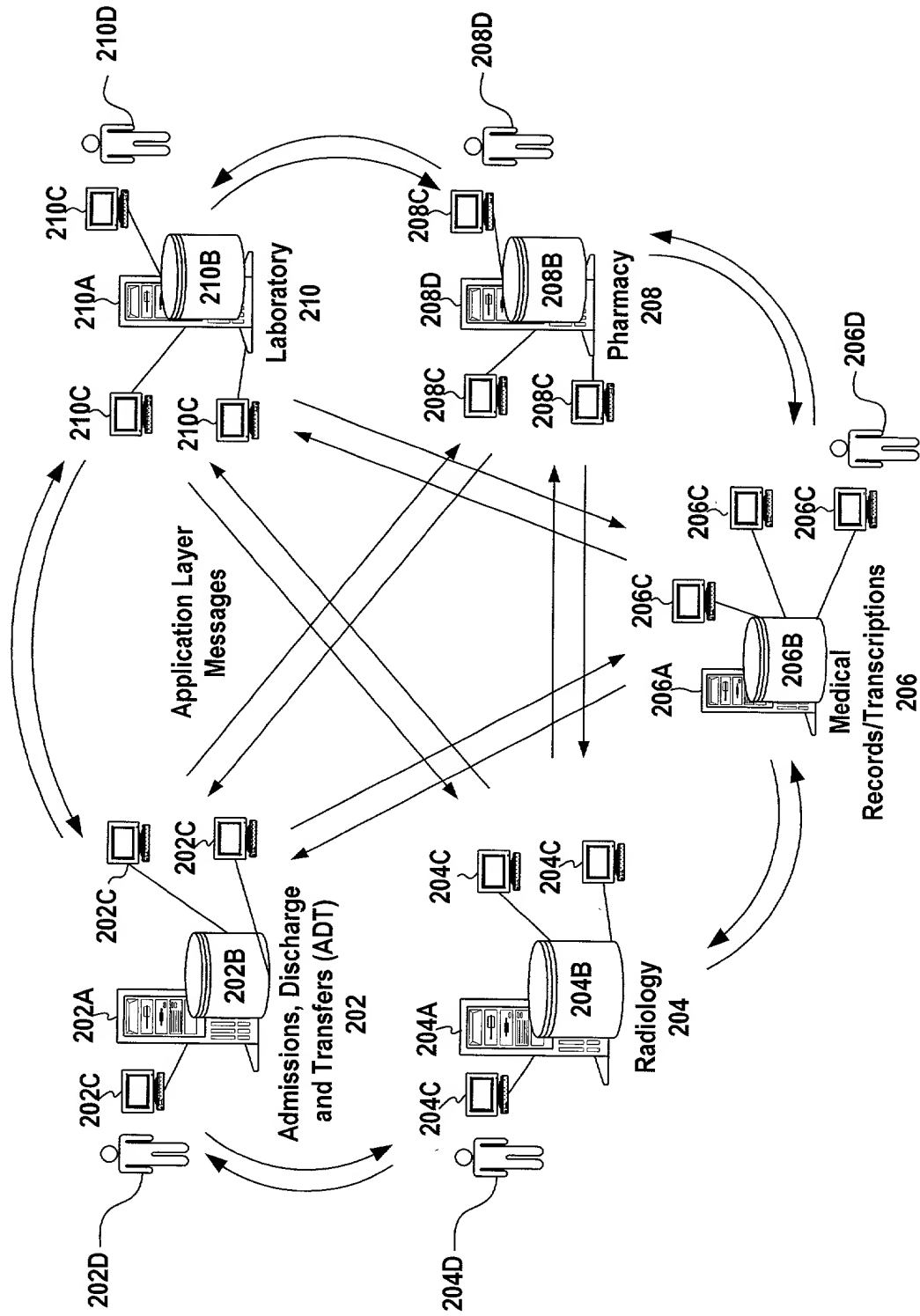


FIG. 3

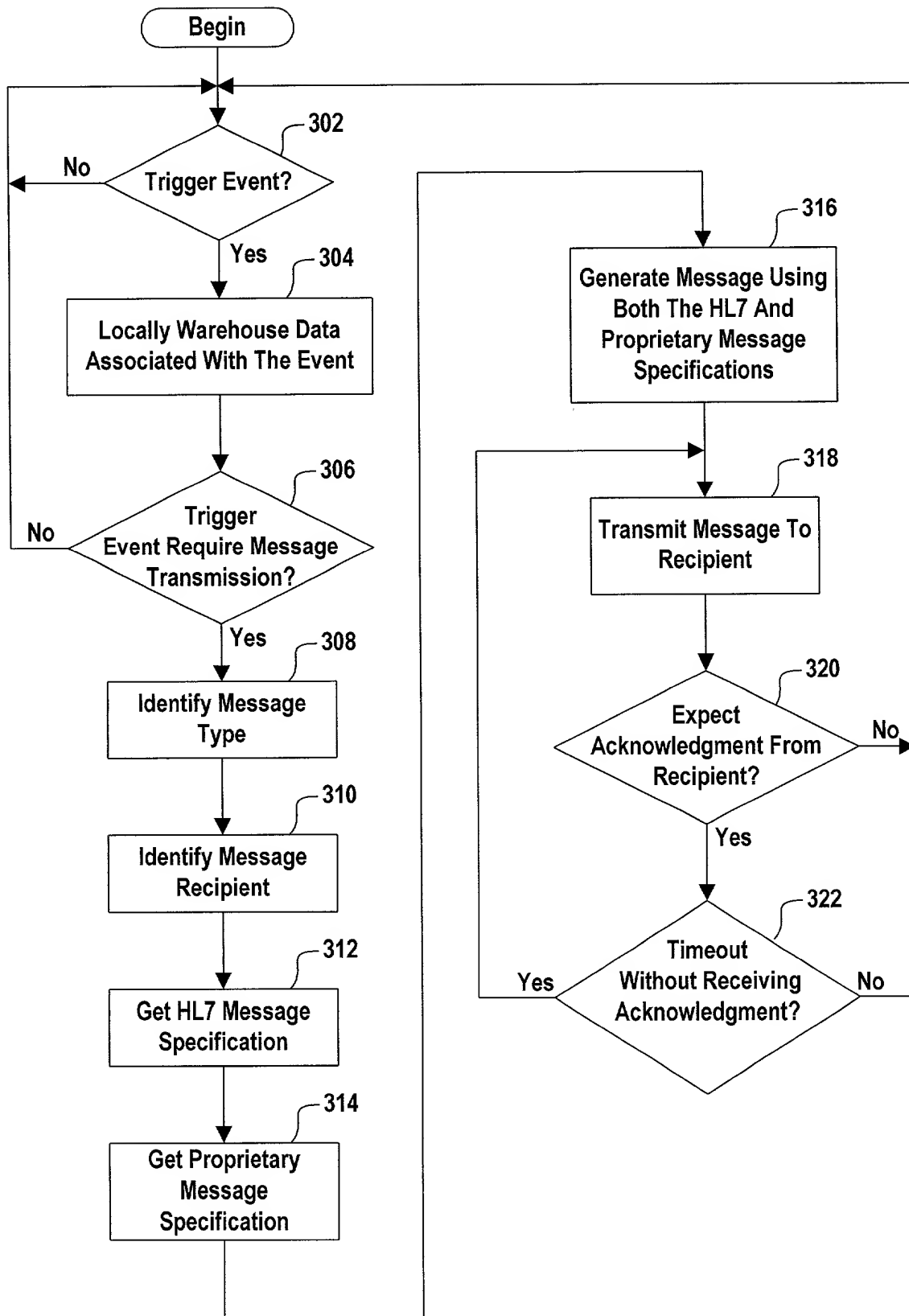


FIG. 4

FIG. 4

**Application Layer Messaging Between
Disparate, Ancillary Systems via an AIG**

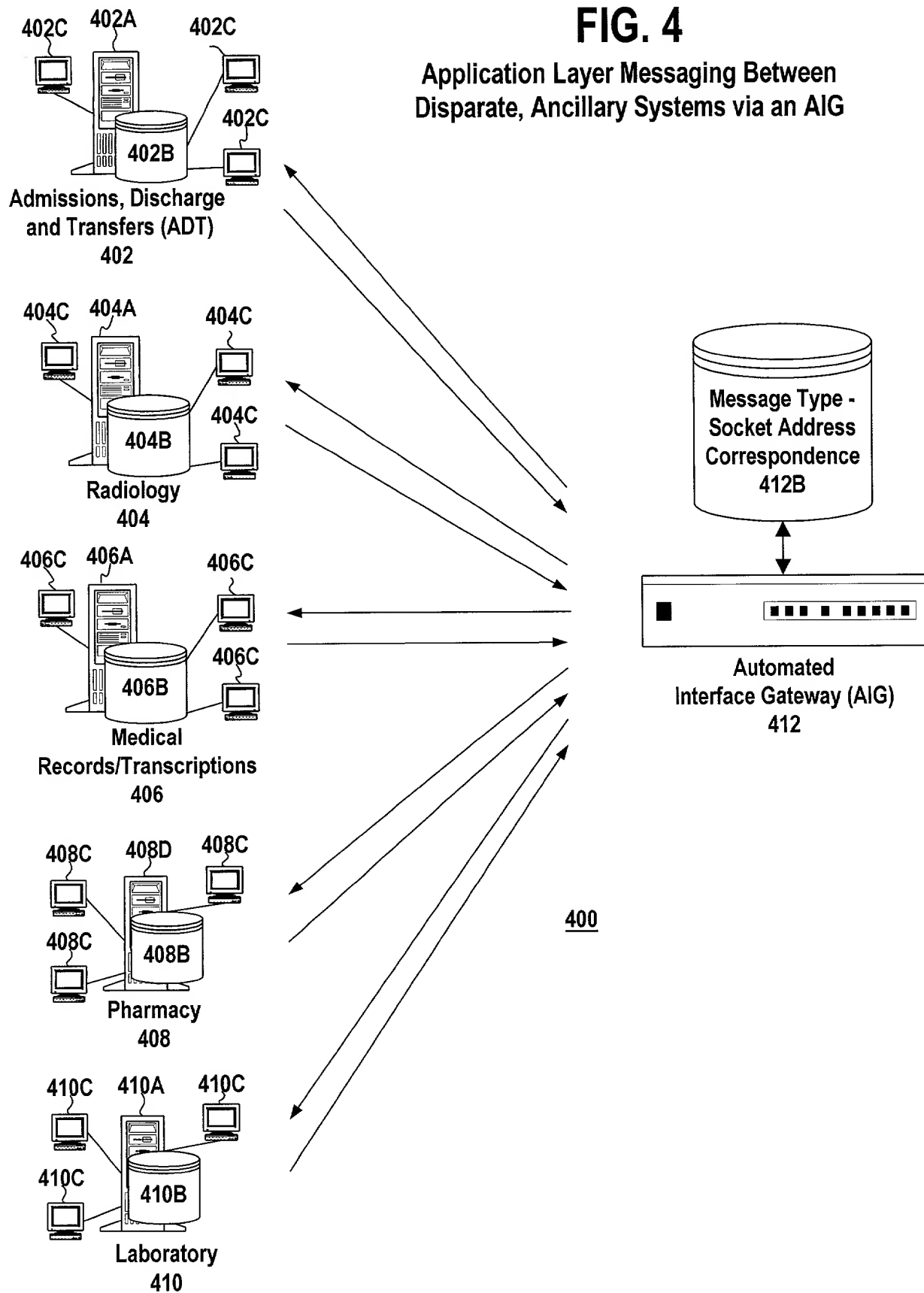


FIG. 5

Enterprise Network For Processing
Enterprises Transactions Including System
Level Messages Through An AIG Catcher
500

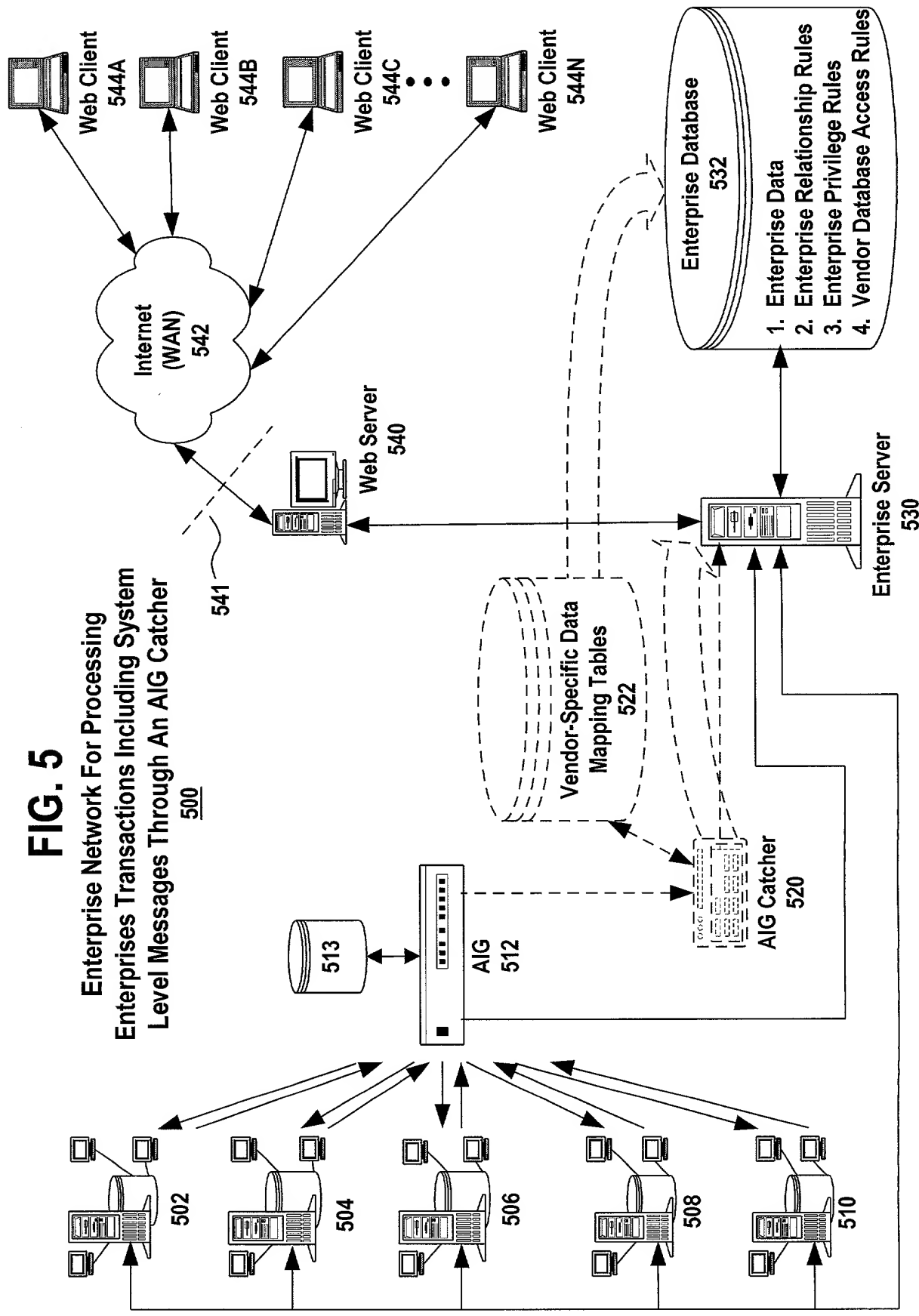


FIG. 6

Screen Shots Of An Enterprise Web Page
Depicting Patient Census Data

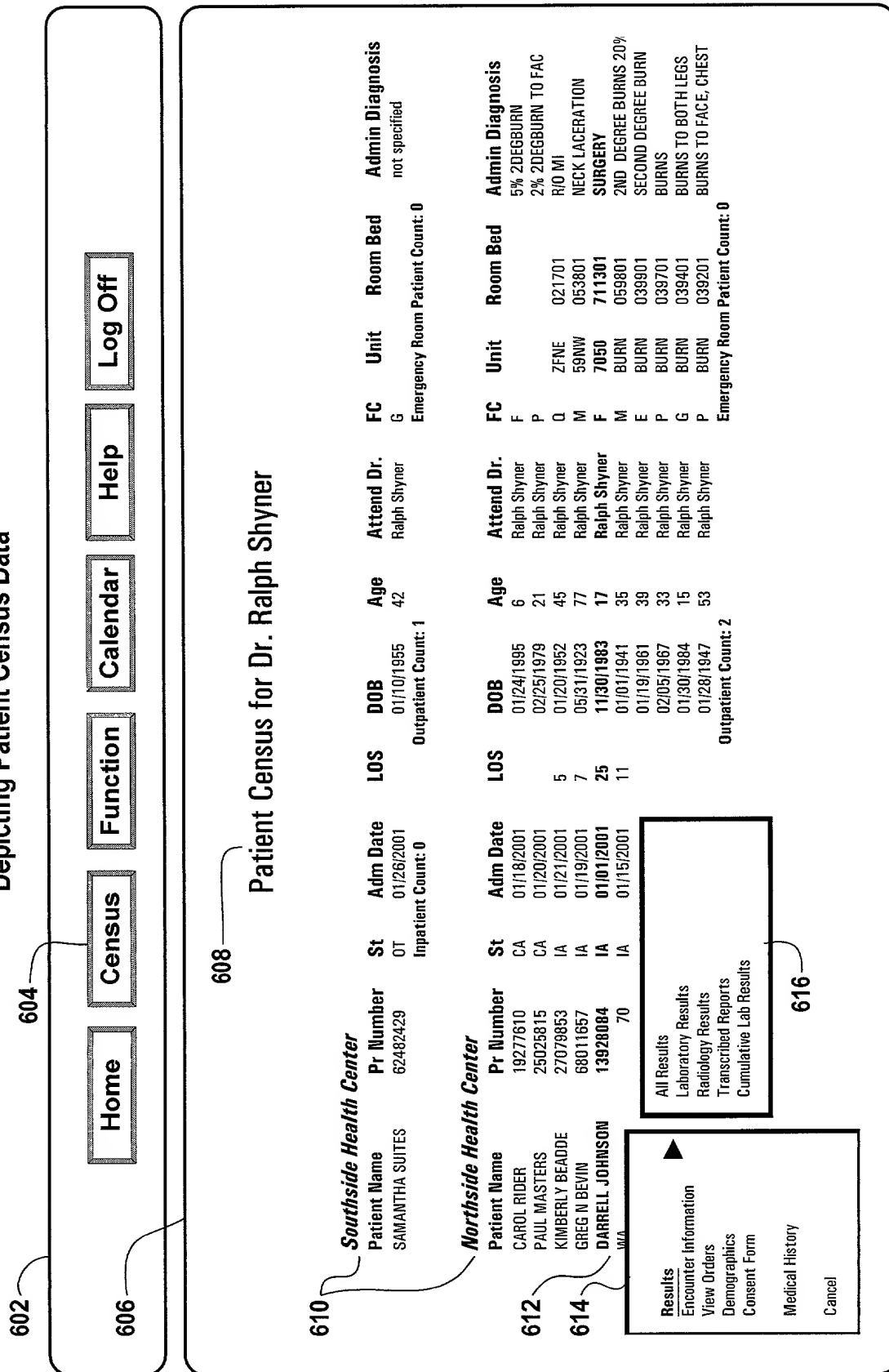


FIG. 7

Screen Shots Of An Enterprise Web Page For Lab Results

702

[Home](#)
[Census](#)
[Function](#)
[Calendar](#)
[Help](#)
[Log Off](#)

706

MID CITY

Darrell Johnson

*** LABORATORY FINAL ***

ROOX: 0390

CARE AREA: 7050

ACCN. #: I1341579

COL CT/TX: 01/01/2001 05:37 A.M.

STATUS: F

HOS ORD#: 00005

XXIT DATE: 01/01/2001 06:57 A.M.

PATIENT ID.: 0000139280804 IA

PHYS.: Ralph Shyner

TEST (RES CODE)	RESULT	RANGE	UNITS	STATUS
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CBC/PLATELET COUNT

710	WBC (WHITE BLOOD CELLS)	20.0	H 4.0-11.0	X1000/uL
	RBC (black BLOOD CELLS)	6.03	H 4.5-6.0	MIL/uL
	HEMOGLOBIN	18.1	H 13.0-17.5	G/dL
	HEMATOCRIT	50.7	39.0-52.0	%
	MCV (MEAN CORPUS. VOL.)	84	78-98	L
	MCH	30.0	25.0-35.0	G/dL
	MCHC	35.7	31.0-37.0	pG
	PLATELET COUNT	348	140-450	X1000/uL
	RDU (RBC DIST. USDTH)	12.3	11.5-14.5	%
	REACTIVE LYMPHS	0	0-4	%
BASO	0	0-2	%	
EOS	1	0-7	%	
710	BANDS	9	H 0-5	%
	SEGS	83	H 45-75	%
	LYMPHS	2	L 20-50	%
	MOMOS	5	0-9	%
BASO, ABSOLUTE	0	0-200	/uL	
EOS, ABSOLUTE	200	0-450	/uL	
710	SEGS, ABSOLUTE	16600	H 1800-7700	/uL
	LYMPHS, ABSOLUTE	400	L 1000-5000	/uL
	NOMOS, ABSOLUTE	1000	H 0-800	/uL

CHEM 07

710	GLUCOSE	176	H 70-110	mG/dL
	BUM	22	H 7-18	mG/dL
	CREATININE	0.7	0.2-1.3	πG/dL
710	SODIUM	134	L 135-145	mEQ/L
	POTASSIUM	5.3	H 3.5-5.2	mEQ/L
	CHLORIDE	101	98-109	πEQ/L
	CO2	25	19-29	πEQ/L
ELECTROLYTE BALANCE		8	3-17	

FINAL

00000139280804

FIG. 8

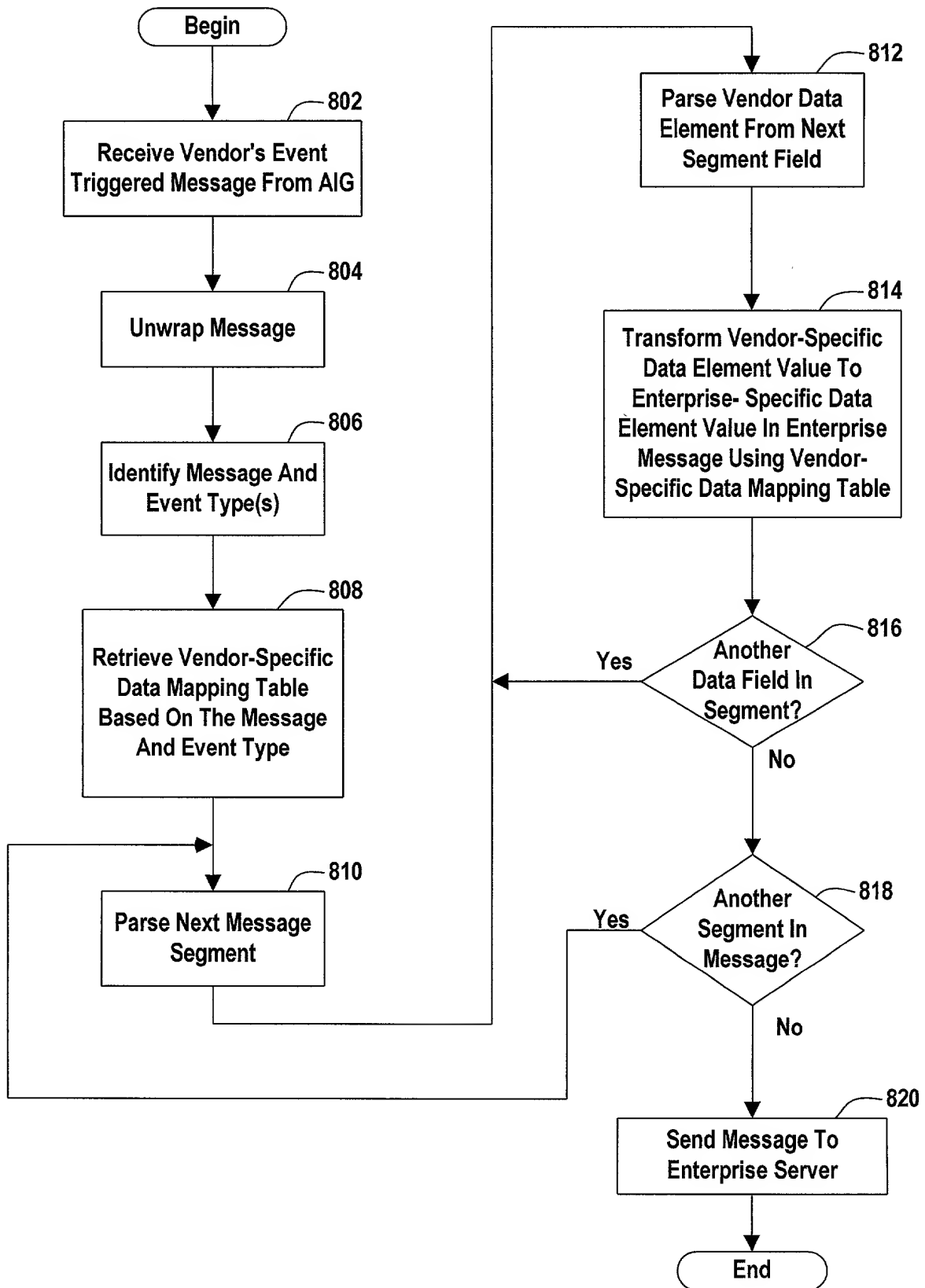


FIG. 9A

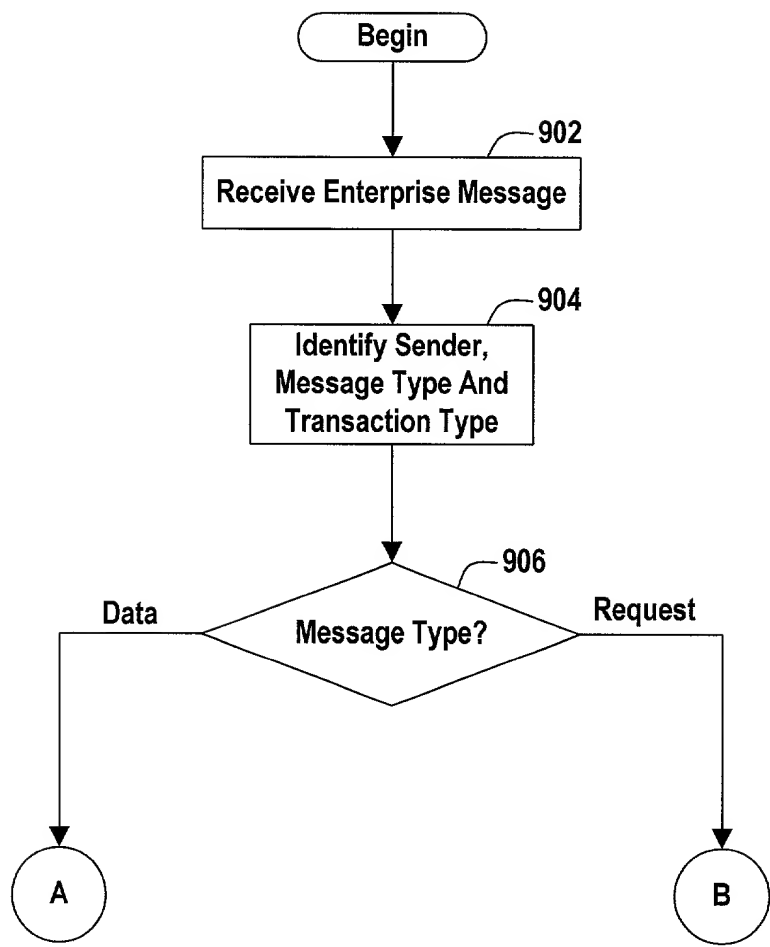


FIG. 9B

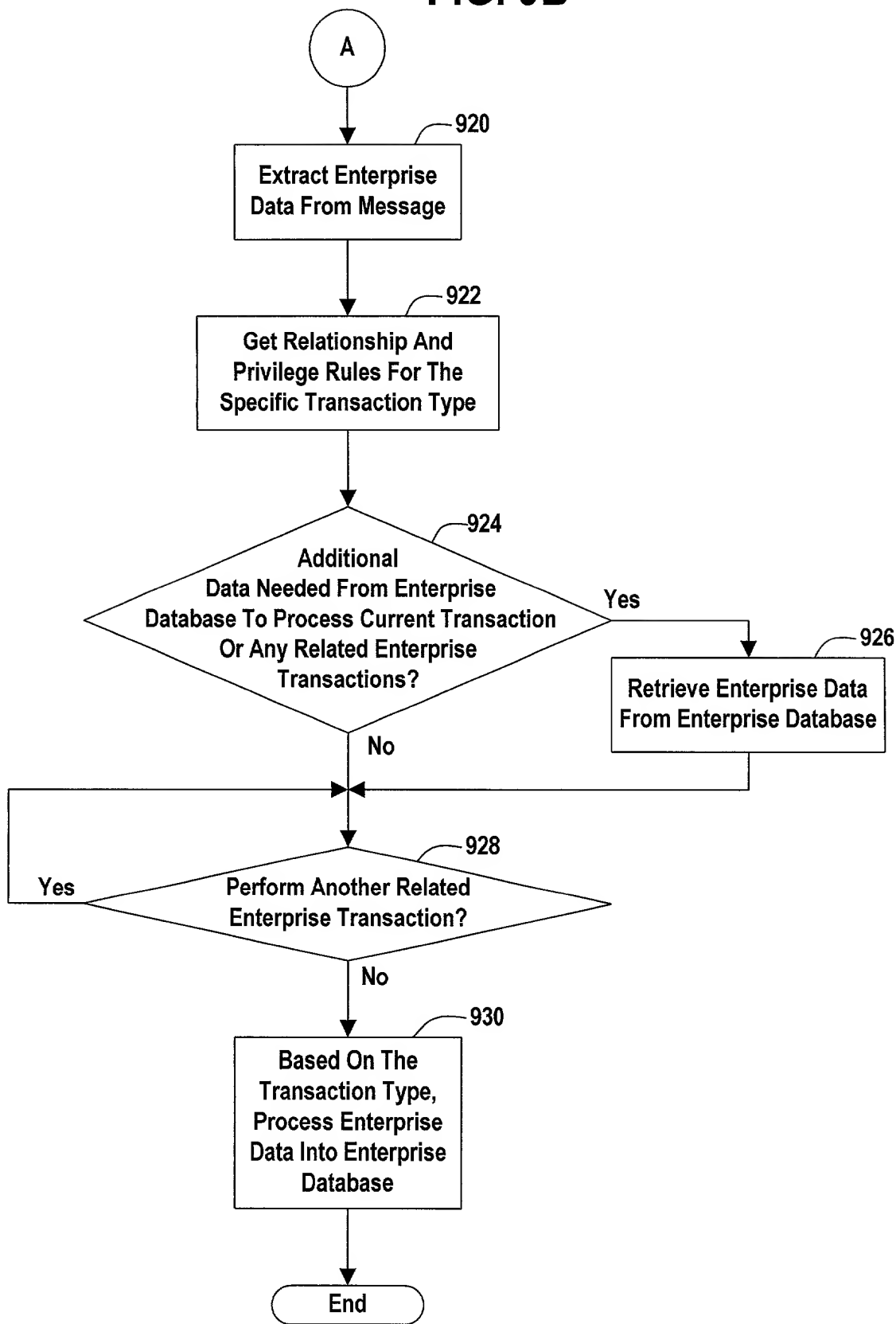


FIG. 9C

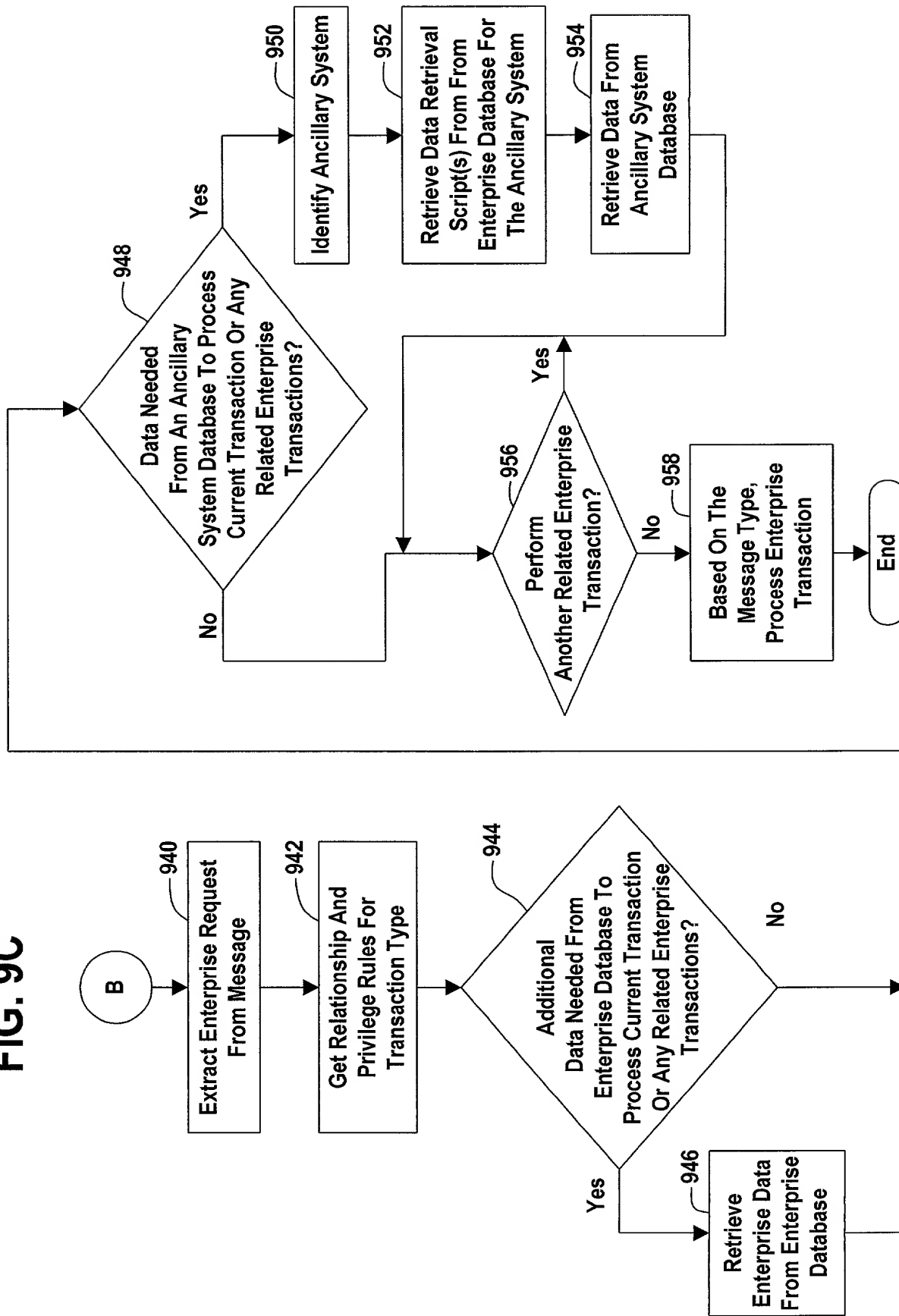


FIG. 10

**Privilege Check as a Related
Enterprise Transaction
(Blocks 928/956)**

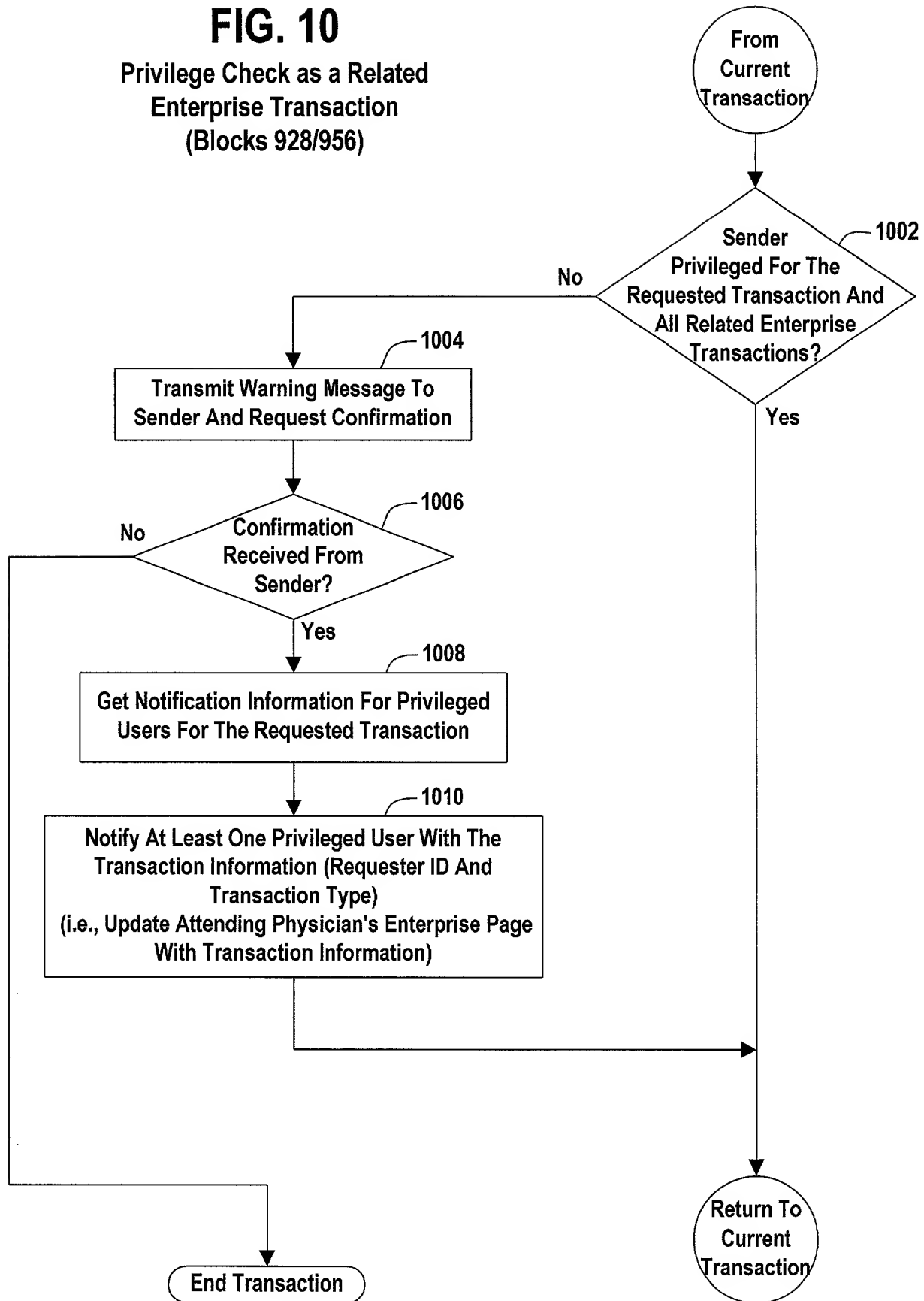


FIG. 11

Performing an Enterprise Transaction

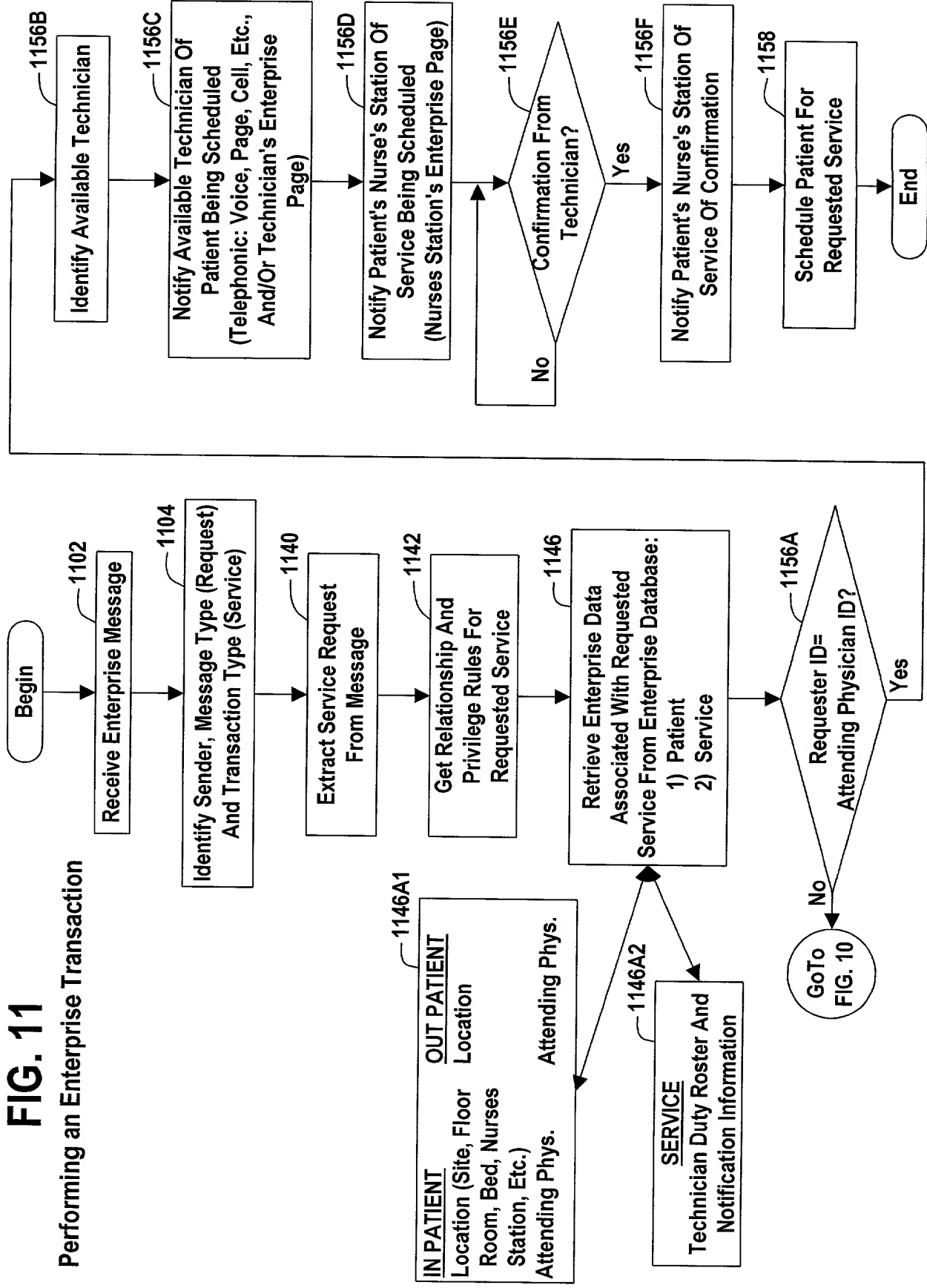


FIG. 12

Manually Generating a Message Request for Restoration Data From Disparate, Ancillary System Databases

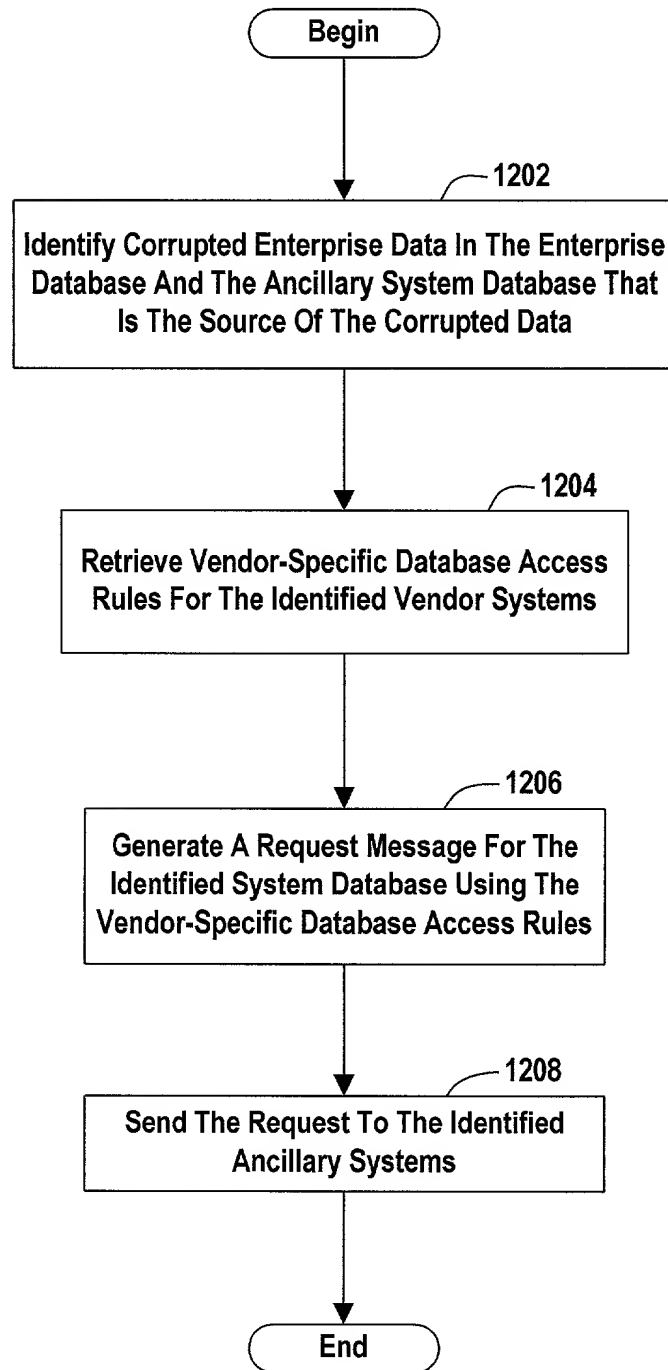


FIG. 13

Restoring Enterprise Data From Disparate, Ancillary System Databases

